

44446-20  
12/17/2014  
1/7  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 17, 2014

Stephanie Coleman  
Quest Vapco Corporation  
P.O.Box 624  
Brenham, TX 77834

Subject: Label Notification per PRN 98-10 – Add Marketing Language to Label  
Product Name: Staf Hospital Spray Disinfectant  
EPA Registration Number: 44446-20  
Application Date: November 6, 2014  
Decision Number: 497596

Dear Ms. Coleman:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, you may contact Terria Northern at 703-347-0265 or via email at [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "S. Murasaki", written over a horizontal line.

for

Seiichi Murasaki, Acting Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

**STAF**  
**Hospital Spray**  
**Disinfectant**

**Bactericidal – Staphylocidal**  
**Pseudomonocidal**  
**Eliminates Odors – Fungicidal**  
**Virucidal Against HIV-1 (AIDS Virus)\***

**Air Sanitizer**  
**[Kills MRSA on Treated Surfaces]**  
**[Kills bacteria and freshens air-conditioning systems]**  
**[Fragrance Free]**  
**[Fragrance Free Formula]**  
**[Unscented]**  
**[Unscented Formula]**

**NOTIFICATION**  
44446-20  
The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated: 12/08/2014

**ACTIVE INGREDIENTS:**

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)	
dimethyl benzyl ammonium chloride .....	0.10%
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl	
ammonium chloride.....	0.10%
Triethylene glycol .....	6.00%
<b>OTHER INGREDIENTS</b> .....	<b>93.80%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

**EPA Reg. No. 44446-20**  
**EPA Est. No. 44446-TX-1**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION:**

See Additional Precautionary Statements on Back Panel

**NET WT. 16.5 OZ. (468 g)**

**QuestVapco Corporation**  
P.O. Box 624 • Brenham, TX 77834  
Brenham, TX • St. Louis, MO

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter the normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

**SURFACE DISINFECTION & DEODORIZATION:** (1) First remove soil deposits from surface to be treated. (2) Hold can six inches from surface & spray until completely wet, allow the surface to remain wet for 10 minutes.

**AIR DEODORIZER, AIR FRESHENER & AIR SANITIZER:** Shake well before each use. To temporarily reduce airborne odor-causing bacteria and eliminate odors, close all doors, windows, and air vents. Hold can upright, press button and spray towards the center of an average size room (12'x12'x9') for 10 seconds. For maximum effectiveness, relative humidity should be between 45% and 70%. Resume normal room ventilation after spray has settled. Repeat as necessary.

**AUTOMATIC DISPENSER:** Remove protective cap from top of can and insert can into dispenser in accordance with instructions on machine. **IMPORTANT:** When used with the dispenser, one unit should be installed for each 6,000 cubic foot area to be treated. It is usually advisable to mount the dispenser 7-8 feet from the floor and at a point where wind flow will carry the particles throughout the room. The dispenser automatically actuates the special metered valve every 15 minutes, treating the air against odors. One unit lasts approximately 30 days.

**MILDEWSTAT:** To control mold and mildew on hard non-porous surfaces (such as floors, walls, table tops) spray the surface to be treated, making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth reappears.

[For use in automobile air conditioning systems, with engine running and air conditioner on maximum speed and cooling, spray the product into the air intake vent. Hold can eight to twelve inches above the vent while spraying four to six seconds. Make sure the spray tip is pointed directly at the intake vent before spraying. The recirculating system will pick up the product and the entire system will be deodorized in seconds. Shut off engine and air conditioner after applying

the product. After applying product into the air conditioning system, get out of the car immediately. Do not return for 4–10 minutes so air in the compartment can be properly ventilated. If odors persist, repeat treatment as necessary.]

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings must be worn during all cleaning of body fluids, blood and decontamination procedures.

**Cleaning procedures:** Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant.

**Contact Time:** Effective against HIV-1 (AIDS virus) on hard non-porous surfaces in the presence of a moderate amount of organic soil (5% blood serum) providing 1800 ppm of active quaternary water for a contact time of 10 minutes at room temperature (20-25°C). Use a ten (10) minute contact time for disinfection against all other bacteria and fungi claimed (listed on labeling).

**Disposal of Infectious Materials:** blood and other body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

**STORAGE AND DISPOSAL**

**Storage:** Store in cool, dry area away from [inaccessible to] children and pets and away from heat, sparks and open flame. Do not transport or store below 32°F. [Protect from freezing.][Do not freeze.]

**Disposal:** Nonrefillable container. Do not reuse or refill this container. Do not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available.

**If partially full:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

**GENERAL INFORMATION**

This product has been designed specifically for Homes, Hospitals, Nursing Homes, Institutions, Offices, Schools, Motels & Hotels as a disinfectant deodorant & air refresher. It is recommended for disinfection of telephones, bed springs, door knobs, linen carts, wheelchairs, light switches, garbage pails & clean hard non-porous inanimate surfaces. It will also remove foul musty odors from automobile air conditioning systems caused by mildew and odor producing organisms. Powerful deodorizers keep the automobile interiors smelling fresh and clean. [This product has been formulated to quickly and effectively remove foul musty odors from automobile air conditioning systems. It will freshen foul-smelling systems by killing odor producing organisms.] In addition, this product

deodorizes those areas which generally are hard to keep fresh smelling (such as garbage storage areas, empty garbage bins & cans, restrooms, shower stalls & areas which are prone to odors caused by micro-organisms). This product may also be applied directly to ash trays and food spills in automobiles to eliminate odors from these sources. When used as directed, this product demonstrates effective disinfection against Staphylococcus aureus, Staphylococcus aureus-MRSA, Salmonella enterica, Pseudomonas aeruginosa & Trichophyton mentagrophytes. This product is fungicidal against Pathogenic fungi (Athletes Foot Fungus), when used as directed on hard surfaces found in the bathroom, shower stalls & locker rooms or clean hard non-porous surfaces commonly contacted by the bare feet.

**\*Kills HIV-1 (AIDS virus)** on precleaned environmental surfaces/objects previously soiled with blood/body fluids in healthcare settings or settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

**MOLD & MILDEWSTAT:** This product controls mold, mildew & the odors they cause on hard non-porous inanimate surfaces when used as directed.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Keep out of reach of children. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long-sleeved shirt, long pants, socks and shoes. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Harmful if swallowed.

**USER SAFETY RECOMMENDATIONS**

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**FIRST AID**

**If Inhaled:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

**If on skin or clothing:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**If swallowed:**

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-255-3924 for emergency medical treatment information.**

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**PHYSICAL OR CHEMICAL HAZARDS**

Flammable! Contents under pressure. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

**INGREDIENTS (CAS#):** Isopropyl Alcohol (67-63-0), Propane-Isobutane (68476-86-8), Water (7732-18-5), Triethylene Glycol (112-27-6), Quaternary Compound (N/A).

HMIS RATING: HEALTH-1, FLAMMABILITY-2, REACTIVITY-1, PERSONAL-A.

**ITEM 329000001-20AR**

Made in USA

Manufactured By

**QuestVapco Corporation**

P.O. Box 624 • Brenham, TX 77834

Brenham, TX • St. Louis, MO

- |   |             |
|---|-------------|
| [1 Human Immunodeficiency Virus – HIV-1 | HIV-1 RF]   |
| [2 Salmonella choleraesuis              | ATCC 10708] |
| [3 Pseudomonas aeruginosa               | ATCC 15442] |
| [4 Staphylococcus aureus                | ATCC 6538]  |
| [5 Staphylococcus aureus – MRSA         | ATCC 33592] |

[Alternate text]

Revised: November 6, 2014